INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2004/000308

A.			
	CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. 7:	C07K 14/475; C07H 21/04; C12N 15/12; A61K 38/18, 39/395, 31/711; A61P 43/00		
According to	International Patent Classification (IPC) or to both national classification and IPC		
В.	FIELDS SEARCHED		
Minimum docu	mentation searched (classification system followed by classification symbols)		
	ic data bases below a searched other than minimum documentation to the extent that such documents are included in the fields searched.	ched	
See electron	ic data bases below		
Electronic data ANGIS and	base consulted during the international search (name of data base and, where practicable, search terms used) DGENE sequence searches of SEQ ID NO: 1, 2, and 5.		
C.	DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
x	Derwent Abstract Accession No. 2003-450961/43, Class B04 D16, EP 1308459 A2 (RES. ASSOC. BIOTECHNOLOGY), 7 May 2003.		
	See abstract and sequence of the citation referred to as PROST 20097360.	1, 6, 13	
	Derwent Abstract Accession No. 2003-040556/03, Class B04 D16, WO 2002/074961 A1 (HYSEQ INC.), 7 May 2003.		
X	See abstract and SEQ ID NO: 987 and 461 of the citation.	1-6, 13	
•	- DAAD16 ED 1074617 A2		
	Derwent Abstract Accession No. 2001-318749/34, Class B04 D16, EP 1074617 A2 (HELIX RES. INST.), 7 February 2001.		
x		1-6, 13	
	(HELIX RES. INST.), 7 February 2001.		
* Special	(HELIX RES. INST.), 7 February 2001. See abstract and SEQ ID NO: 14591, 14590 and 2420 of the citation. Further documents are listed in the continuation of Box C Categories of cited documents: Controlled to defining the general state of the art which is sidered to be of particular relevance The defining the general state of the art which is sidered to be of particular relevance See abstract and SEQ ID NO: 14591, 14590 and 2420 of the citation. See abstract and SEQ ID NO: 14591, 14590 and 2420 of the citation. See abstract and SEQ ID NO: 14591, 14590 and 2420 of the citation. See abstract and SEQ ID NO: 14591, 14590 and 2420 of the citation.	nex priority date and not in	
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* Special document not con internation or which another or or other present a course or other present another document or other present document or other present document another present document or other present document another present document document another present document another present document another present another present document another present ano	(HELIX RES. INST.), 7 February 2001. See abstract and SEQ ID NO: 14591, 14590 and 2420 of the citation. Further documents are listed in the continuation of Box C See patent family and categories of cited documents: Interpolation of particular relevance application or patent but published on or after the continuation of particular relevance; the claimed invention cannor cannot be considered to involve an inventive step when the alone document of particular relevance; the claimed invention cannor cannot be considered to involve an inventive step when the alone document of particular relevance; the claimed invention cannor cannot be considered to involve an inventive step when the alone document of particular relevance; the claimed invention cannor cannot be considered to involve an inventive step when the document is combined with such documents, such combination being obvious to a personnel of the citation. See patent family and confidence of conflict with the application but cited to understand the princum of particular relevance; the claimed invention cannor cannot be considered to involve an inventive step when the alone document of particular relevance; the claimed invention cannor involve an inventive step when the document is combined with such documents, such combination being obvious to a personnel of particular relevance; the claimed invention cannor cannot be considered to involve an inventive step when the document is combined with the application of particular relevance; the claimed invention cannor cannot be considered to involve an inventive step when the document is combined with the application of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with the application of particular relevance; the claimed invention cannot be considered to involve an inventive step when the alone cannot be considered to involve an inventive step when the document is combined with the application of the principle of the control of the cont	priority date and not in iple or theory ot be considered novel e document is taken ot be considered to th one or more other	
* Special "A" document not con "E" earlier a internal "L" docume or which another docume or other the mean document but late. Date of the act	(HELIX RES. INST.), 7 February 2001. See abstract and SEQ ID NO: 14591, 14590 and 2420 of the citation. Further documents are listed in the continuation of Box C See patent family and categories of cited documents: In defining the general state of the art which is sidered to be of particular relevance Application or patent but published on or after the internation or cannot be considered to involve an inventive step when the alone or cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with such documents, such combination being obvious to a person document published after the international filing date or conflict with the application but cited to understand the principle of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with such documents, such combination being obvious to a person document published after the international filing date or conflict with the application but cited to understand the principle of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with such documents, such combination being obvious to a person document published prior to the international filing date or conflict with the application but cited to understand the principle of particular relevance; the claimed involve an inventive step when the document involve an inven	priority date and not in iple or theory ot be considered novel e document is taken ot be considered to th one or more other is skilled in the art	
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* Special "A" document not con "E" earlier a interna "L" document or which another document document document that late Date of the act 14 January Name and mathematical AUSTRALIA PO BOX 200,	(HELIX RES. INST.), 7 February 2001. See abstract and SEQ ID NO: 14591, 14590 and 2420 of the citation. Further documents are listed in the continuation of Box C See patent family and categories of cited documents: and defining the general state of the art which is sidered to be of particular relevance application or patent but published on or after the tional filing date "X" In the defining the general state of the art which is sidered to be of particular relevance application or patent but published on or after the tional filing date "X" In the defining the general state of the art which is sidered to be of particular relevance; the claimed invention cann or cannot be considered to involve an inventive step when the alone "Y" In the defining the general state of the art which is sidered to be of particular relevance; the claimed invention cann or cannot be considered to involve an inventive step when the alone "Y" In the defining the general state of the art which is sidered to be of particular relevance; the claimed invention cann involve an inventive step when the document is combined wis such documents, such combination being obvious to a person document member of the same patent family The patent published after the international filing date or conflict with the application but cited to understand the prince underlying the invention The conflict with the application but cited to understand the prince underlying the invention The conflict with the application but cited to understand the prince underlying the invention The conflict with the application but cited to understand the prince underlying the invention The conflict with the application but cited to understand the prince underlying the invention The conflict with the application but cited to understand the prince underlying the invention The conflict with the application but cited to understand the prince underlying the invention The conflict with the application of the international filing date or conflict with the application of	priority date and not in iple or theory ot be considered novel e document is taken ot be considered to th one or more other a skilled in the art	

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ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to
		claim No.
х	Derwent Abstract Accession No. 2000-587513/55, Class B04 D16, WO 2000/055174 A1 (HUMAN GENOME SCI. INC.), 21 September 2000. See abstract and pages 2021 and 1078 to 1079 of the citation.	1-6, 13
x	TREMBL Accession No. Q9H9L7, T. ISOGAI et al., created 1 March 2001. See TREMBL entry.	1, 6, 13
x	TREMBL Accession No. Q99LF1, R. STRAUSBERG, created 1 June 2001. See TREMBL entry.	1, 6, 13
x	TREMBL Accession No. Q9JJB7, J. KAWAI et al., created 1 October 2000. See TREMBL entry.	1, 6, 13
x	GENBANK Accession Number AK126262, Homo sapiens cDNA FLJ44274 fis, clone TOVAR2001730, T. ISOGAI et al., direct submission 15 July 2003. See GENBANK entry.	. 2-5
x	GENBANK Accession Number AK022728, Homo sapiens cDNA FLJ12666 fis, clone NT2RM4002256, T. OTA et al., direct submission 23 August 2000. See GENBANK entry.	2-5
x	GENBANK Accession Number AK124799, Homo sapiens cDNA FLJ42809 fis, clone BRCAN20071444, T. ISOGAI et al., direct submission 15 July 2003. See GENBANK entry.	2-5
· x	GENBANK Accession Number AK92624, Homo sapiens cDNA FLJ35305 fis, clone PROST2009736, T. ISOGAI et al., direct submission 4 July 2002. See GENBANK entry.	2-5
	GENBANK Accession Number BC003291, Mus musculus RIKEN cDNA 6330407G11 gene, R. L. STRAUSBERG, & Proc. Natl. Acad. Sci. USA, 99 (26), 16899-16903 (2002).	
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x	GENBANK Accession Number AB041594, Mus musculus brain cDNA, clone MNCb-2831, N. OSADA et al., direct submission 12 April 2000. See GENBANK entry.	2-5
x	GENBANK Accession Number AL683811, Mouse DNA sequence from clone RP23-291K22 on chromosome 4, K. BATES, direct submission 21 June 2002. See GENBANK entry.	53, 55, 56